Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM041025\
Data File : BM049883.D
Acq On : 10 Apr 2025 14:10
Operator : RC/JU
Sample : Q1752-07
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
TP-3

Quant Time: Apr 10 14:49:58 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM040825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 09 04:00:55 2025
Response via : Initial Calibration

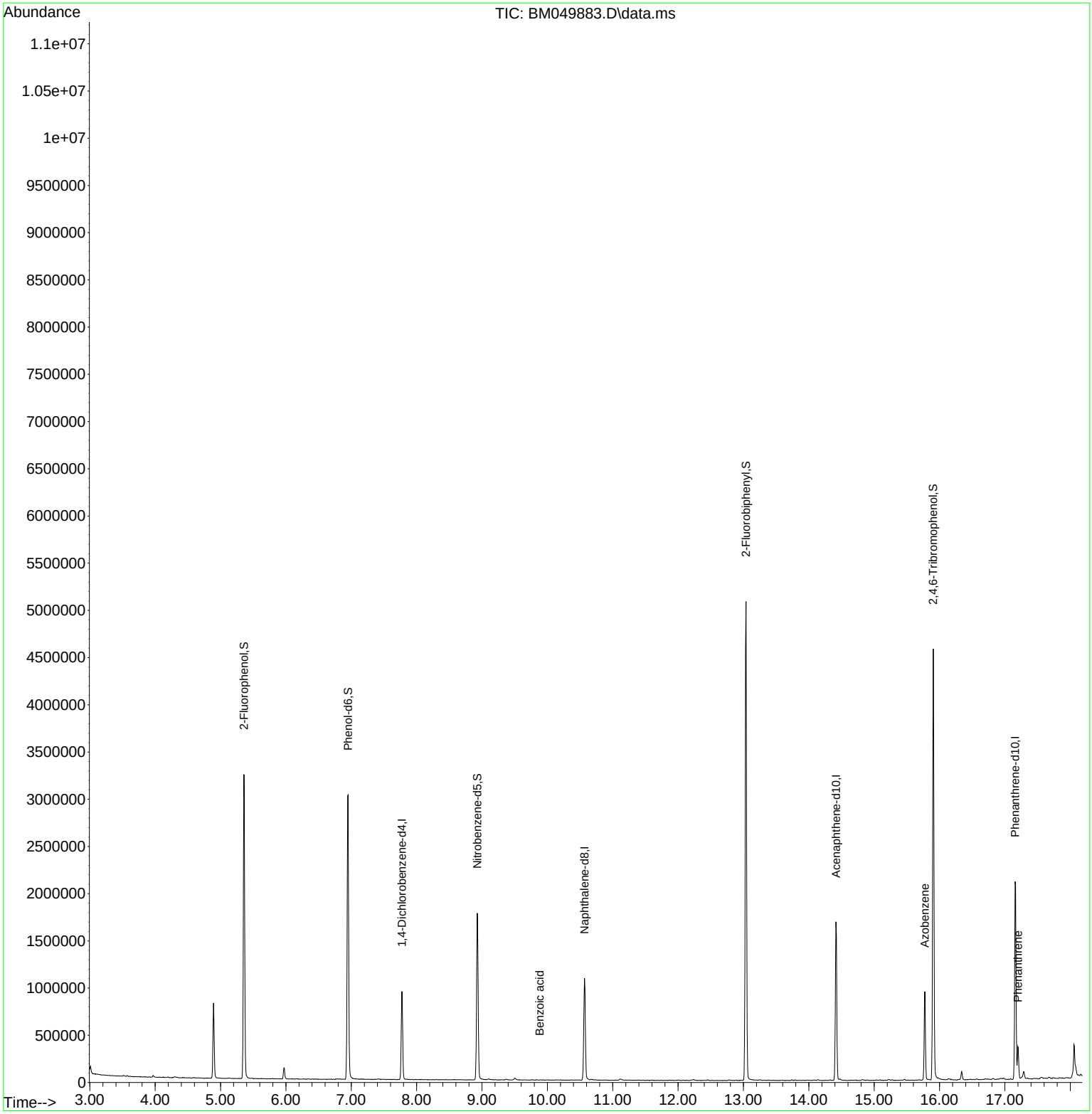
Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.775	152	268795	20.000	ng		0.00
21) Naphthalene-d8	10.569	136	917211	20.000	ng		0.00
39) Acenaphthene-d10	14.416	164	626290	20.000	ng		0.00
64) Phenanthrene-d10	17.157	188	1279418	20.000	ng		0.00
76) Chrysene-d12	21.392	240	1266569	20.000	ng		-0.01
86) Perylene-d12	24.392	264	1376287	20.000	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.357	112	1423242	89.911	ng		0.00
7) Phenol-d6	6.951	99	1825174	92.673	ng		0.00
23) Nitrobenzene-d5	8.928	82	1015736	61.667	ng		0.00
42) 2,4,6-Tribromophenol	15.904	330	877982	96.380	ng		0.00
45) 2-Fluorobiphenyl	13.039	172	2675548	57.930	ng		0.00
79) Terphenyl-d14	19.786	244	4265995	63.121	ng		0.00
Target Compounds							Qvalue
32) Benzoic acid	9.881	122	110	8.546	ng	#	1
63) Azobenzene	15.774	77	241767	6.665	ng	#	1
71) Phenanthrene	17.198	178	209671	2.989	ng		99
75) Fluoranthene	19.215	202	492580	5.711	ng		99
78) Pyrene	19.580	202	461214	5.284	ng		99
81) Benzo(a)anthracene	21.374	228	215582	2.561	ng		99
83) Chrysene	21.439	228	207730	2.596	ng		96
88) Benzo(b)fluoranthene	23.445	252	304718	3.467	ng	#	97
90) Benzo(a)pyrene	24.244	252	197329	2.555	ng	#	98

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM041025\
Data File : BM049883.D
Acq On : 10 Apr 2025 14:10
Operator : RC/JU
Sample : Q1752-07
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
TP-3

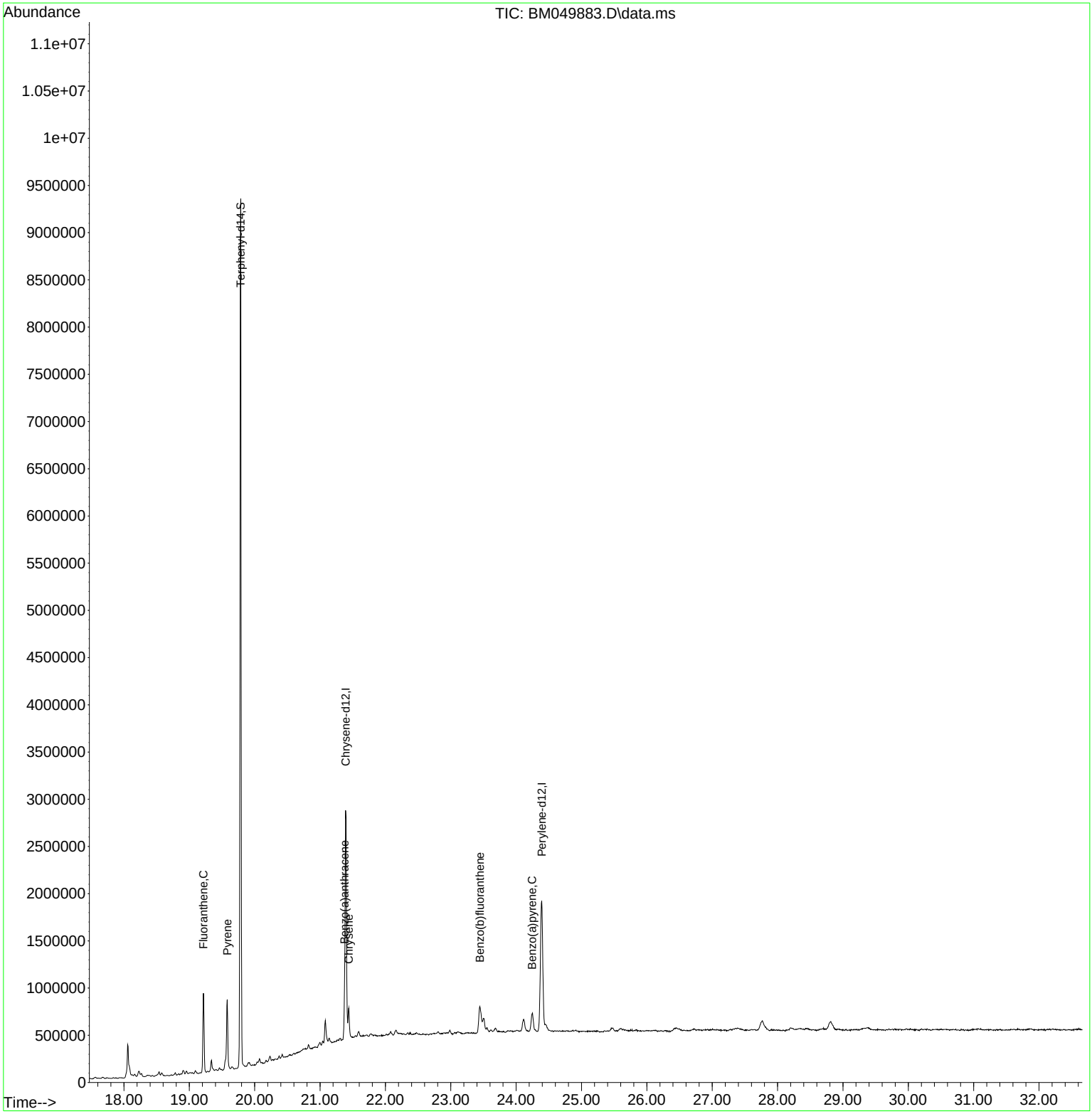
Quant Time: Apr 10 14:49:58 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM040825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 09 04:00:55 2025
Response via : Initial Calibration

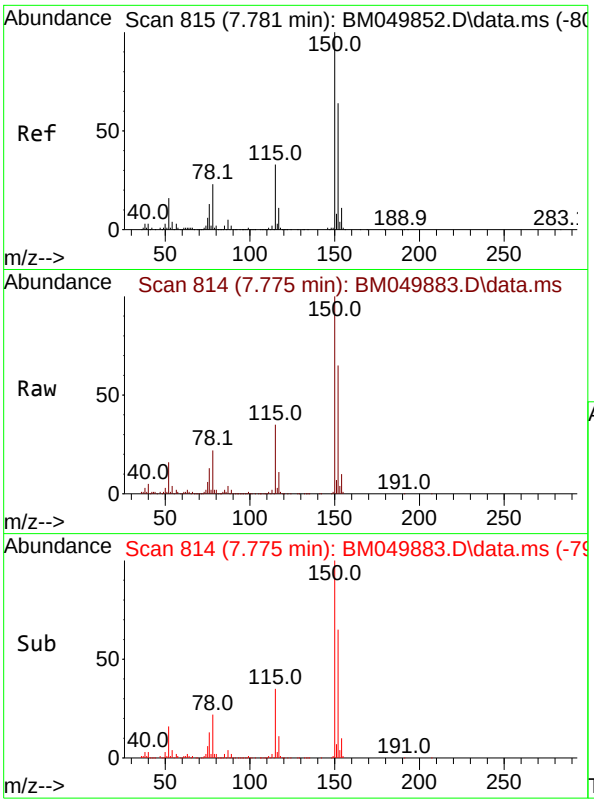


Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM041025\
Data File : BM049883.D
Acq On : 10 Apr 2025 14:10
Operator : RC/JU
Sample : Q1752-07
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
TP-3

Quant Time: Apr 10 14:49:58 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM040825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 09 04:00:55 2025
Response via : Initial Calibration



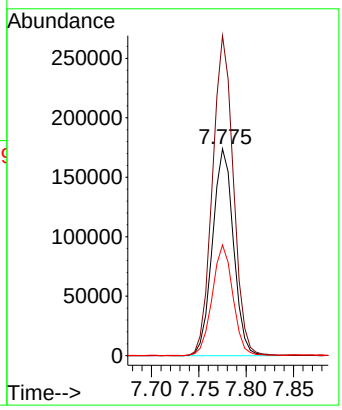


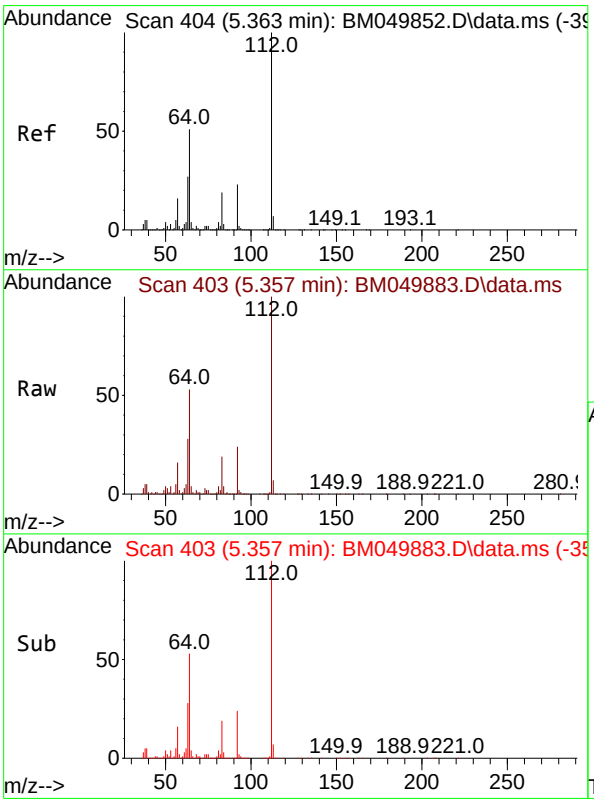
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.775 min Scan# 8
Delta R.T. -0.006 min
Lab File: BM049883.D
Acq: 10 Apr 2025 14:10

Instrument :
BNA_M
ClientSampleId :
TP-3

Tgt Ion:152 Resp: 268795

Ion	Ratio	Lower	Upper
152	100		
150	154.6	124.3	186.5
115	53.5	41.1	61.7

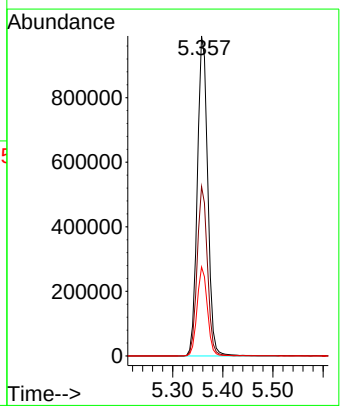


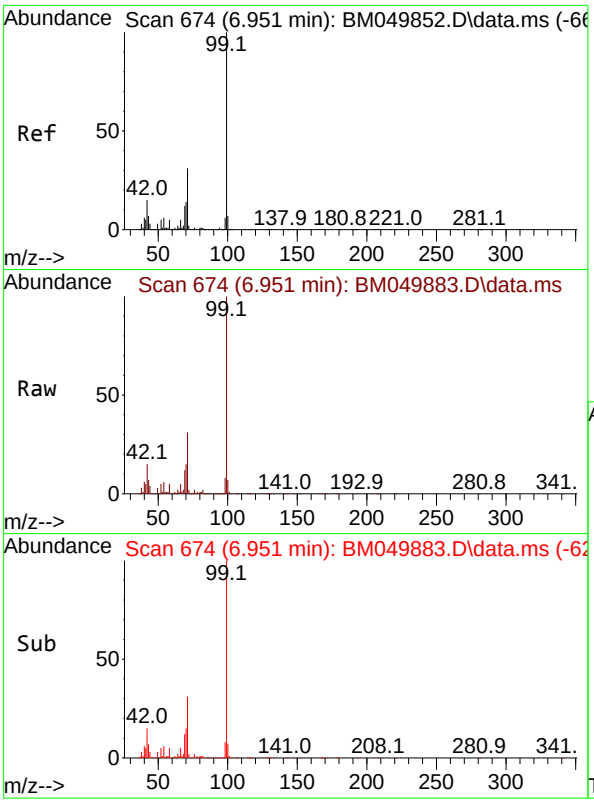


#5
2-Fluorophenol
Concen: 89.911 ng
RT: 5.357 min Scan# 403
Delta R.T. -0.006 min
Lab File: BM049883.D
Acq: 10 Apr 2025 14:10

Tgt Ion:112 Resp: 1423242

Ion	Ratio	Lower	Upper
112	100		
64	52.9	41.0	61.6
63	27.8	21.5	32.3



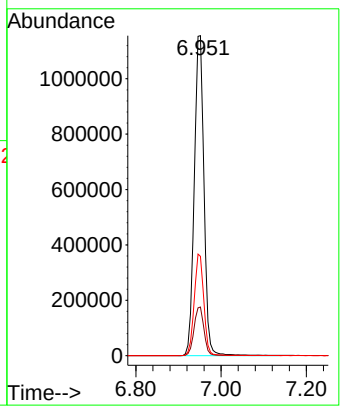


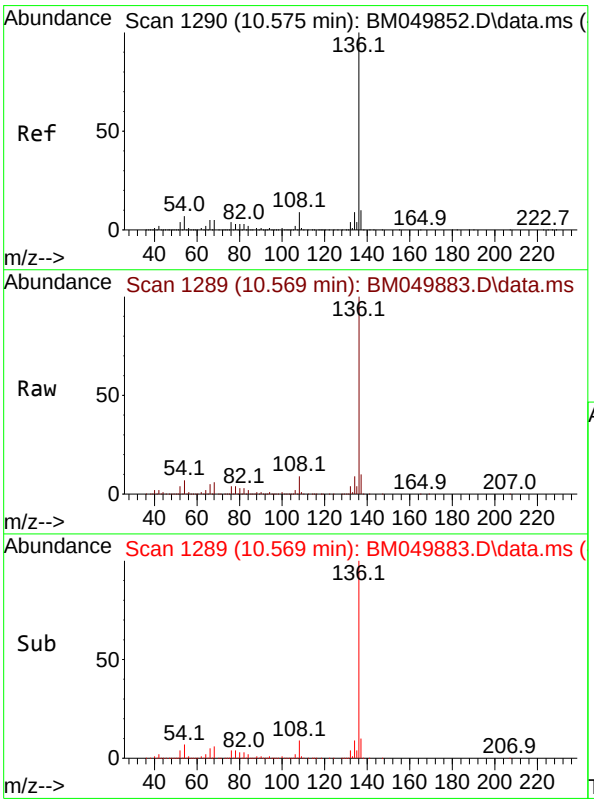
#7
Phenol-d6
Concen: 92.673 ng
RT: 6.951 min Scan# 6
Delta R.T. 0.000 min
Lab File: BM049883.D
Acq: 10 Apr 2025 14:10

Instrument :
BNA_M
ClientSampleId :
TP-3

Tgt Ion: 99 Resp: 1825174

Ion	Ratio	Lower	Upper
99	100		
42	15.2	12.1	18.1
71	31.0	24.9	37.3

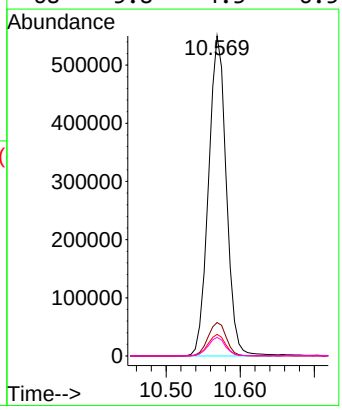


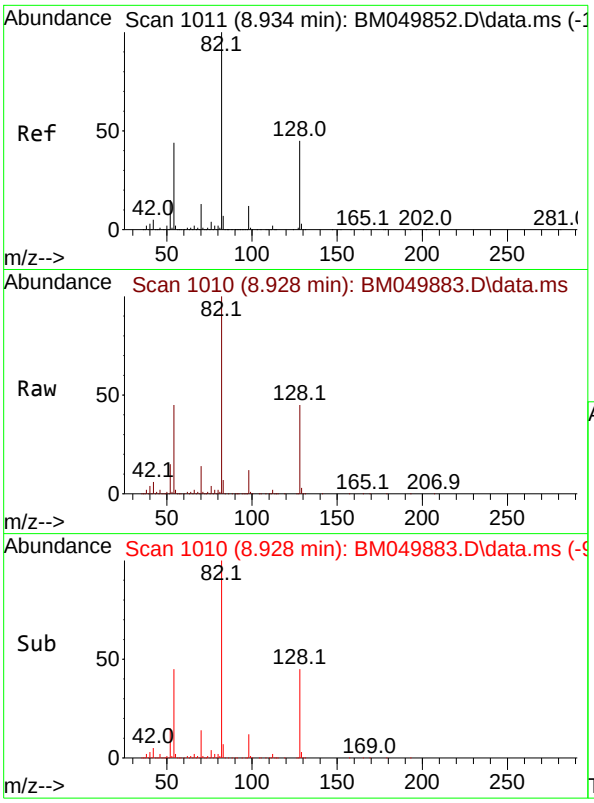


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.569 min Scan# 1289
Delta R.T. -0.006 min
Lab File: BM049883.D
Acq: 10 Apr 2025 14:10

Tgt Ion:136 Resp: 917211

Ion	Ratio	Lower	Upper
136	100		
137	10.5	8.4	12.6
54	6.7	5.3	7.9
68	5.8	4.3	6.5



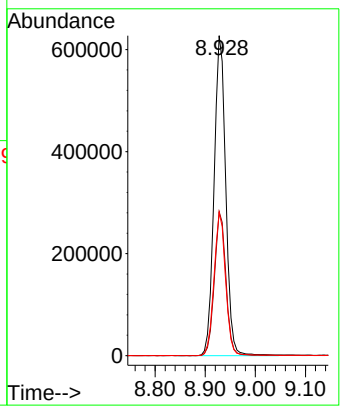


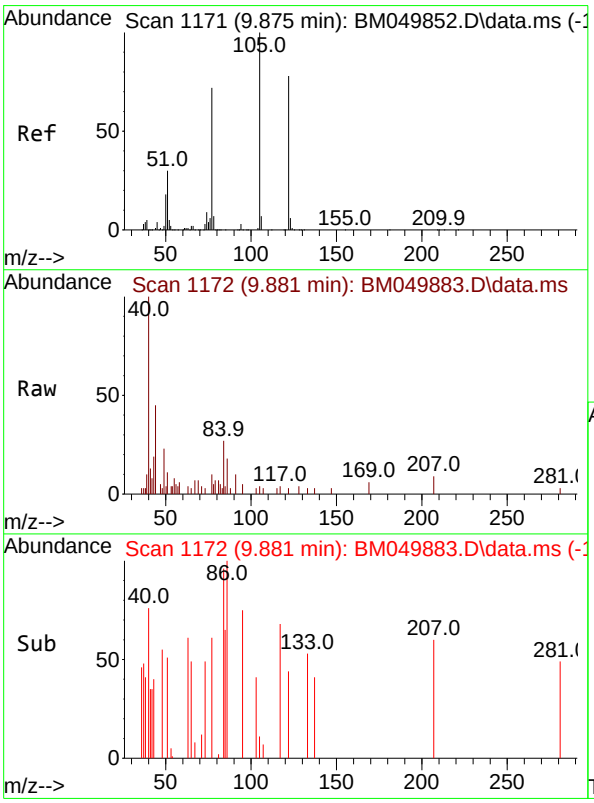
#23
Nitrobenzene-d5
Concen: 61.667 ng
RT: 8.928 min Scan# 1(
Delta R.T. -0.006 min
Lab File: BM049883.D
Acq: 10 Apr 2025 14:10

Instrument :
BNA_M
ClientSampleId :
TP-3

Tgt Ion: 82 Resp: 1015736

Ion	Ratio	Lower	Upper
82	100		
128	45.0	36.2	54.2
54	44.8	35.0	52.6

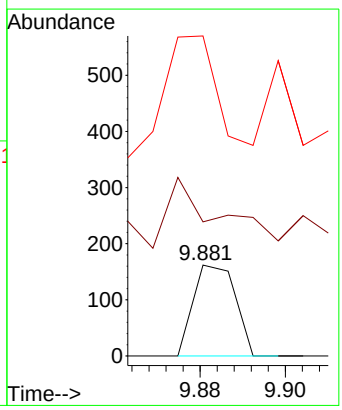


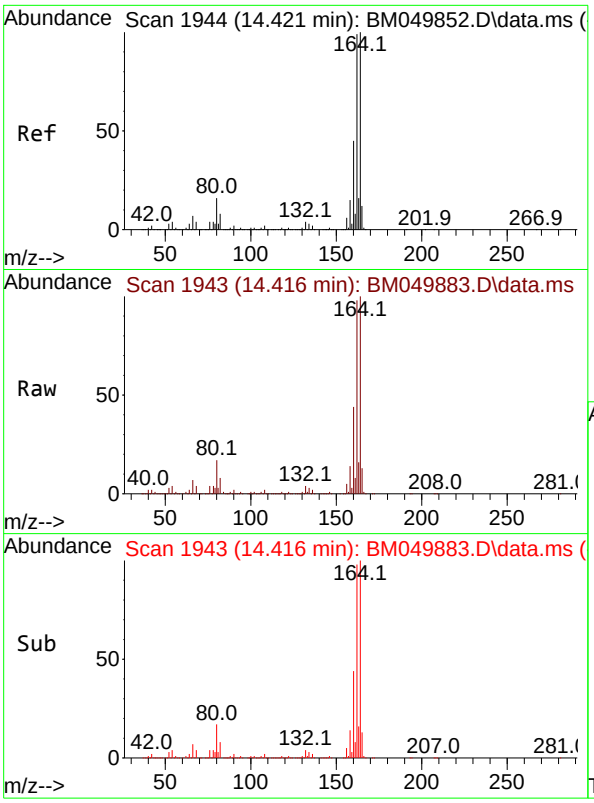


#32
Benzoic acid
Concen: 8.546 ng
RT: 9.881 min Scan# 1172
Delta R.T. 0.006 min
Lab File: BM049883.D
Acq: 10 Apr 2025 14:10

Tgt Ion:122 Resp: 110

Ion	Ratio	Lower	Upper
122	100		
105	147.5	103.8	143.8#
77	351.9	70.7	110.7#



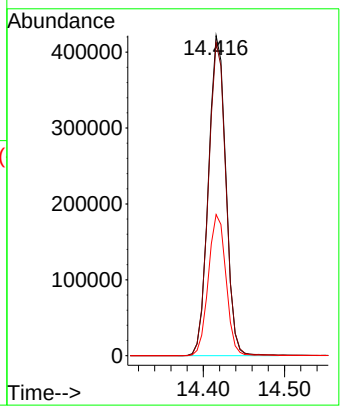


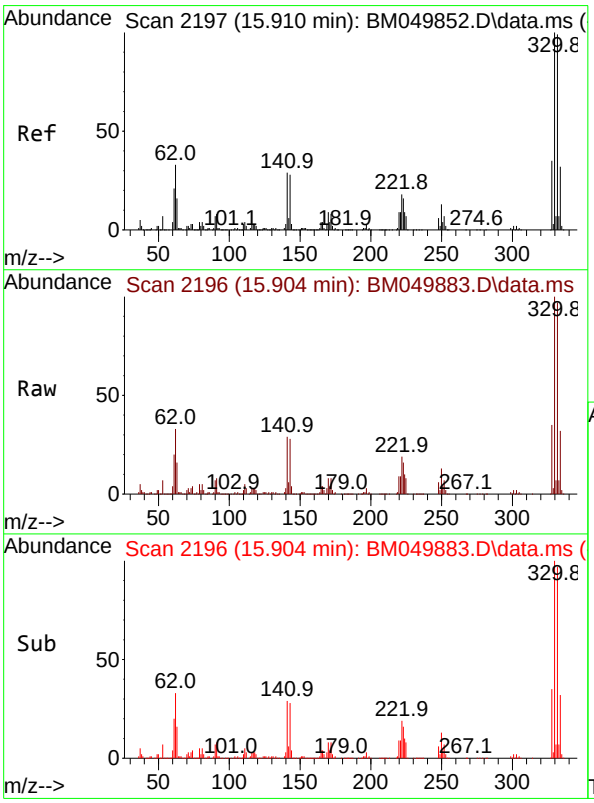
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.416 min Scan# 1
Delta R.T. -0.006 min
Lab File: BM049883.D
Acq: 10 Apr 2025 14:10

Instrument :
BNA_M
ClientSampleId :
TP-3

Tgt Ion:164 Resp: 626290

Ion	Ratio	Lower	Upper
164	100		
162	97.9	79.4	119.0
160	44.1	36.2	54.2

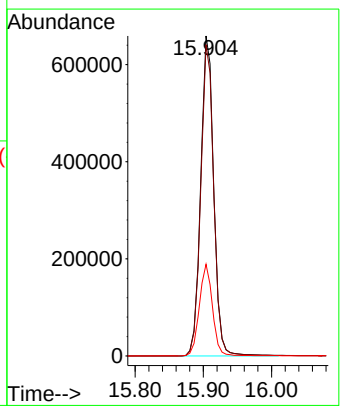


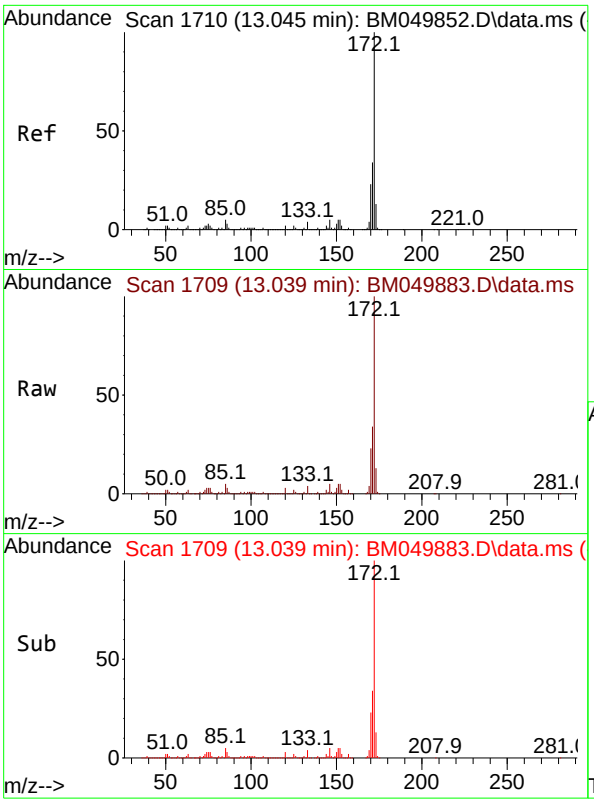


#42
2,4,6-Tribromophenol
Concen: 96.380 ng
RT: 15.904 min Scan# 2196
Delta R.T. -0.006 min
Lab File: BM049883.D
Acq: 10 Apr 2025 14:10

Tgt Ion:330 Resp: 877982

Ion	Ratio	Lower	Upper
330	100		
332	97.2	78.0	117.0
141	28.8	23.5	35.3



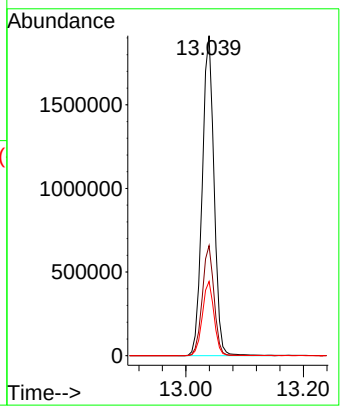


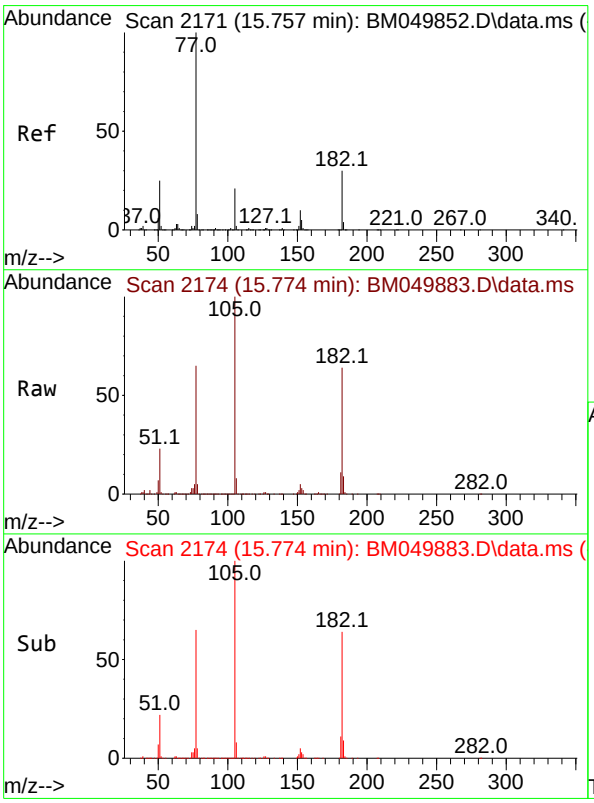
#45
2-Fluorobiphenyl
Concen: 57.930 ng
RT: 13.039 min Scan# 1
Delta R.T. -0.006 min
Lab File: BM049883.D
Acq: 10 Apr 2025 14:10

Instrument :
BNA_M
ClientSampleId :
TP-3

Tgt Ion:172 Resp: 2675548

Ion	Ratio	Lower	Upper
172	100		
171	34.4	27.4	41.2
170	23.2	18.6	28.0

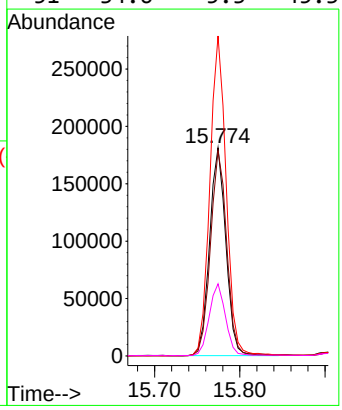


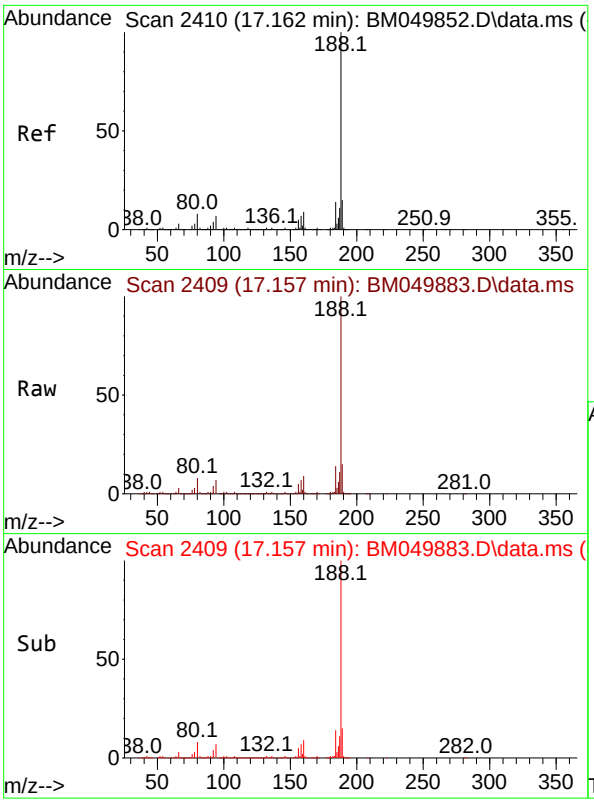


#63
Azobenzene
Concen: 6.665 ng
RT: 15.774 min Scan# 2174
Delta R.T. 0.018 min
Lab File: BM049883.D
Acq: 10 Apr 2025 14:10

Tgt Ion: 77 Resp: 241767

Ion	Ratio	Lower	Upper
77	100		
182	98.6	10.4	50.4#
105	153.7	1.5	41.5#
51	34.6	5.3	45.3



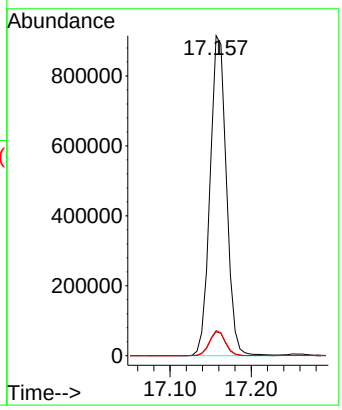


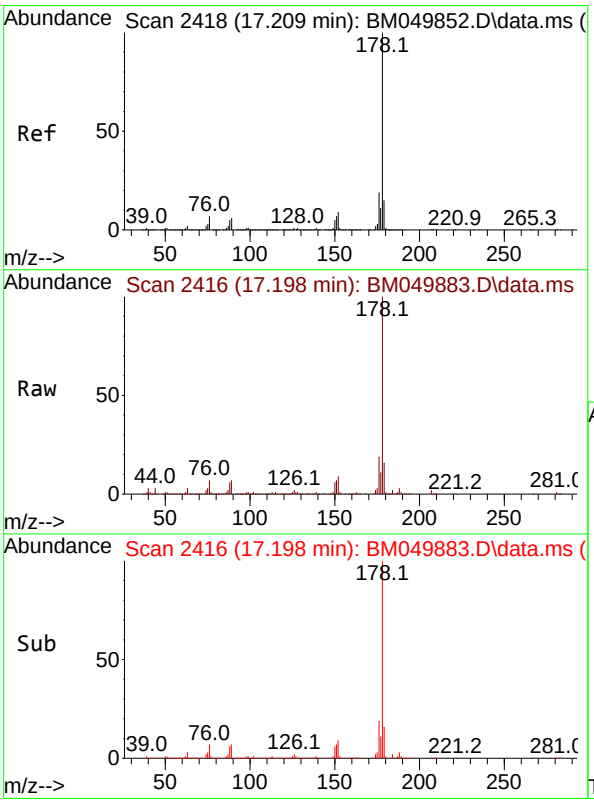
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.157 min Scan# 24
Delta R.T. -0.006 min
Lab File: BM049883.D
Acq: 10 Apr 2025 14:10

Instrument :
BNA_M
ClientSampleId :
TP-3

Tgt Ion:188 Resp: 1279418

Ion	Ratio	Lower	Upper
188	100		
94	7.5	5.8	8.6
80	7.8	6.4	9.6

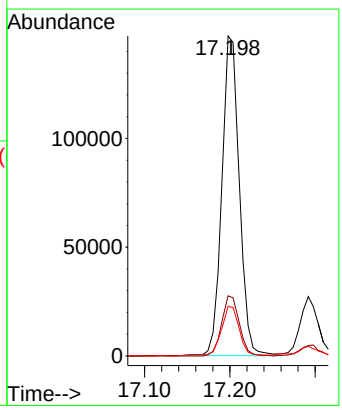


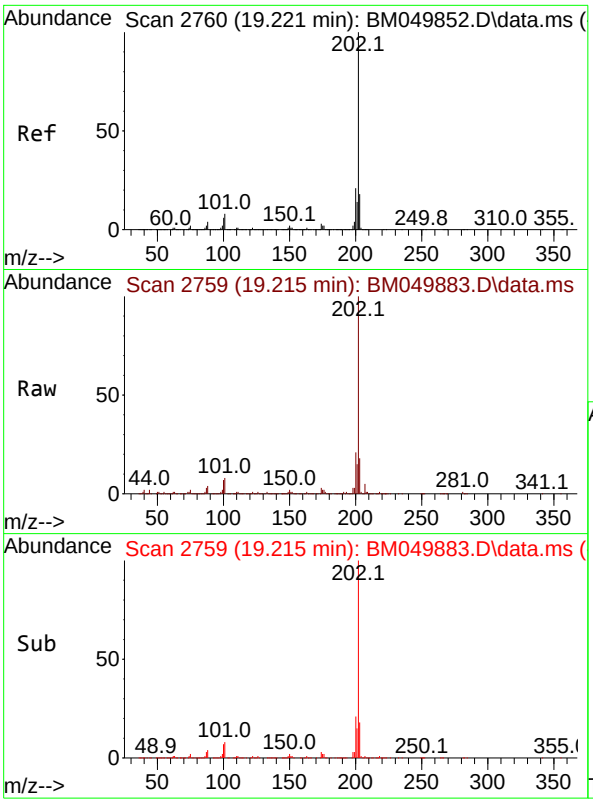


#71
Phenanthrene
Concen: 2.989 ng
RT: 17.198 min Scan# 2416
Delta R.T. -0.012 min
Lab File: BM049883.D
Acq: 10 Apr 2025 14:10

Tgt Ion:178 Resp: 209671

Ion	Ratio	Lower	Upper
178	100		
176	18.8	15.4	23.2
179	15.5	12.3	18.5



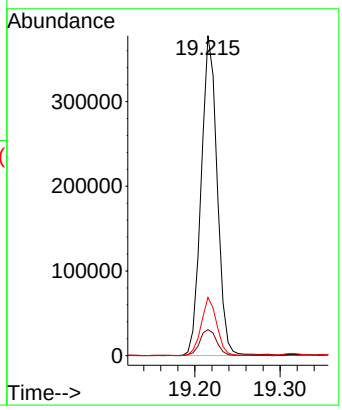


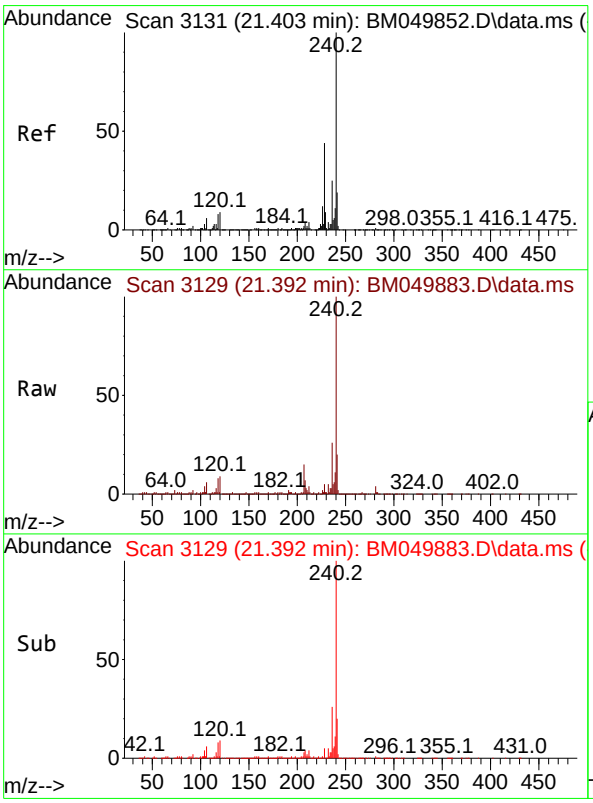
#75
Fluoranthene
Concen: 5.711 ng
RT: 19.215 min Scan# 2
Delta R.T. -0.006 min
Lab File: BM049883.D
Acq: 10 Apr 2025 14:10

Instrument :
BNA_M
ClientSampleId :
TP-3

Tgt Ion:202 Resp: 492580

Ion	Ratio	Lower	Upper
202	100		
101	8.1	0.0	28.4
203	18.2	0.0	37.8

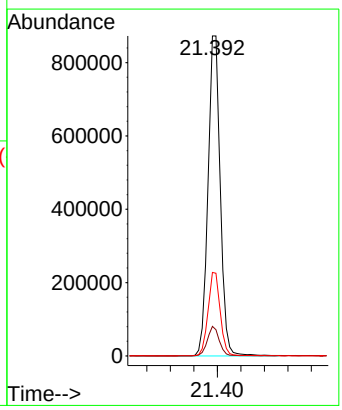


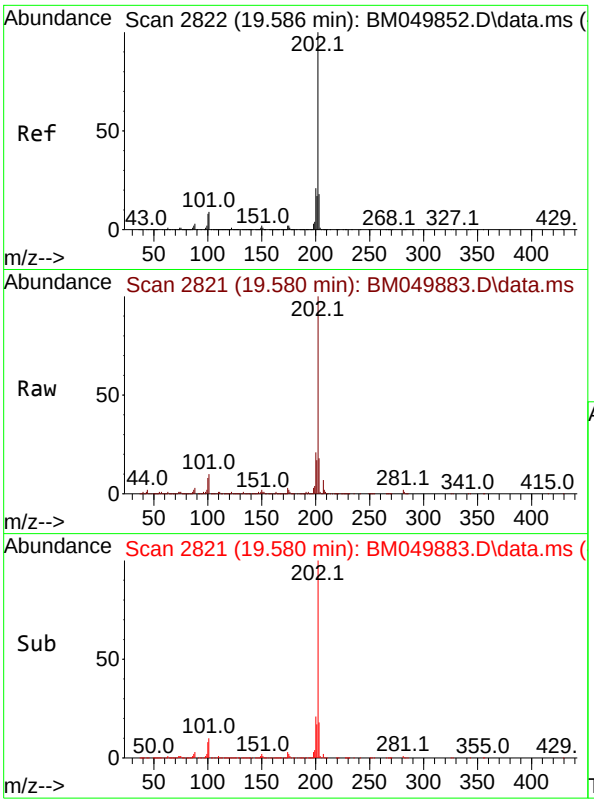


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.392 min Scan# 3129
Delta R.T. -0.012 min
Lab File: BM049883.D
Acq: 10 Apr 2025 14:10

Tgt Ion:240 Resp: 1266569

Ion	Ratio	Lower	Upper
240	100		
120	9.2	6.9	10.3
236	26.1	20.4	30.6



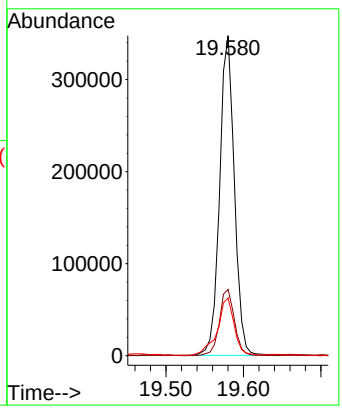


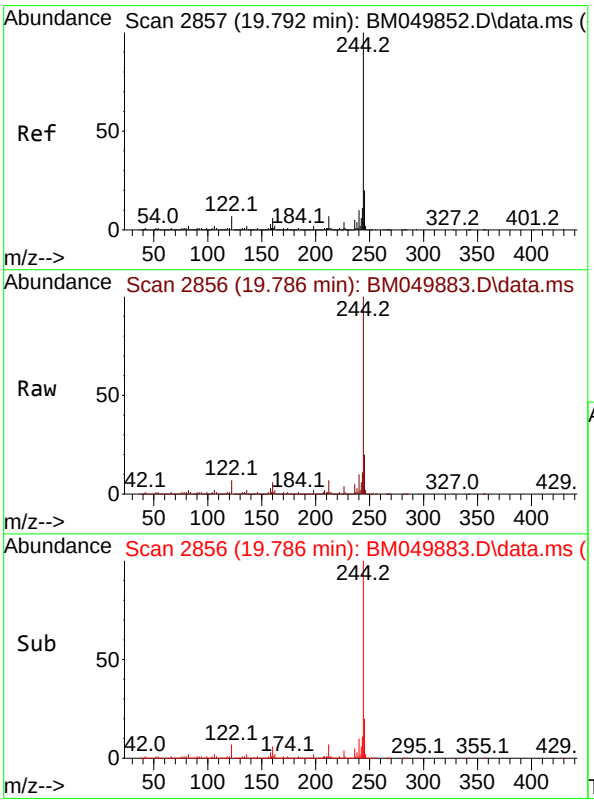
#78
Pyrene
Concen: 5.284 ng
RT: 19.580 min Scan# 2
Delta R.T. -0.006 min
Lab File: BM049883.D
Acq: 10 Apr 2025 14:10

Instrument :
BNA_M
ClientSampleId :
TP-3

Tgt Ion:202 Resp: 461214

Ion	Ratio	Lower	Upper
202	100		
200	20.7	16.5	24.7
203	18.0	14.0	21.0

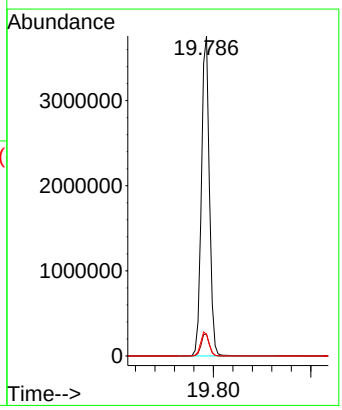


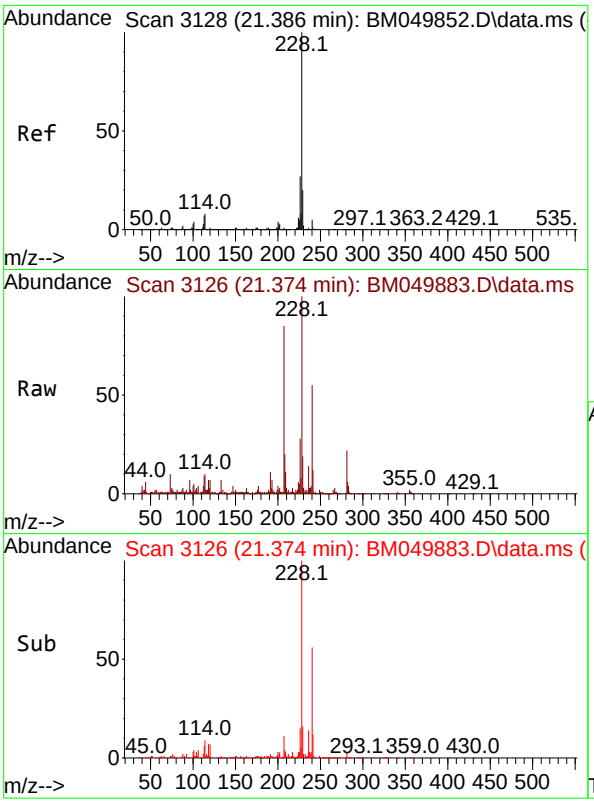


#79
Terphenyl-d14
Concen: 63.121 ng
RT: 19.786 min Scan# 2856
Delta R.T. -0.006 min
Lab File: BM049883.D
Acq: 10 Apr 2025 14:10

Tgt Ion:244 Resp: 4265995

Ion	Ratio	Lower	Upper
244	100		
212	6.8	5.5	8.3
122	6.8	5.4	8.0



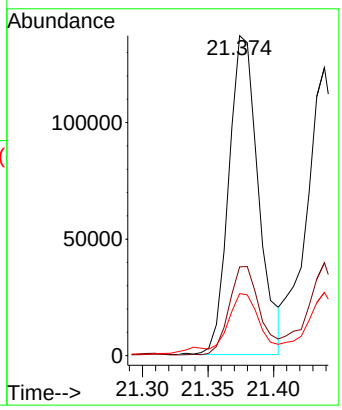


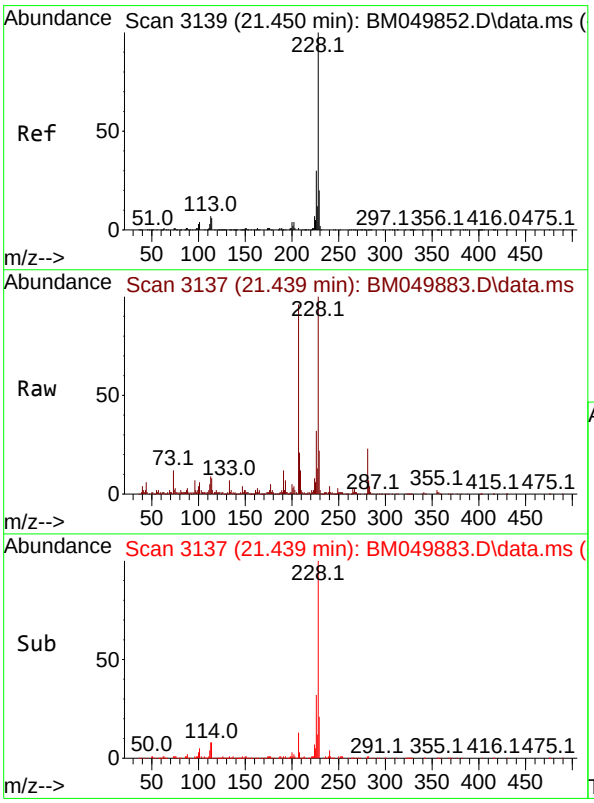
#81
Benzo(a)anthracene
Concen: 2.561 ng
RT: 21.374 min Scan# 3
Delta R.T. -0.012 min
Lab File: BM049883.D
Acq: 10 Apr 2025 14:10

Instrument :
BNA_M
ClientSampleId :
TP-3

Tgt Ion:228 Resp: 215582

Ion	Ratio	Lower	Upper
228	100		
226	27.8	21.8	32.8
229	19.4	15.8	23.8

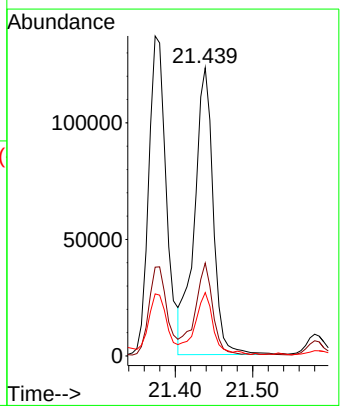


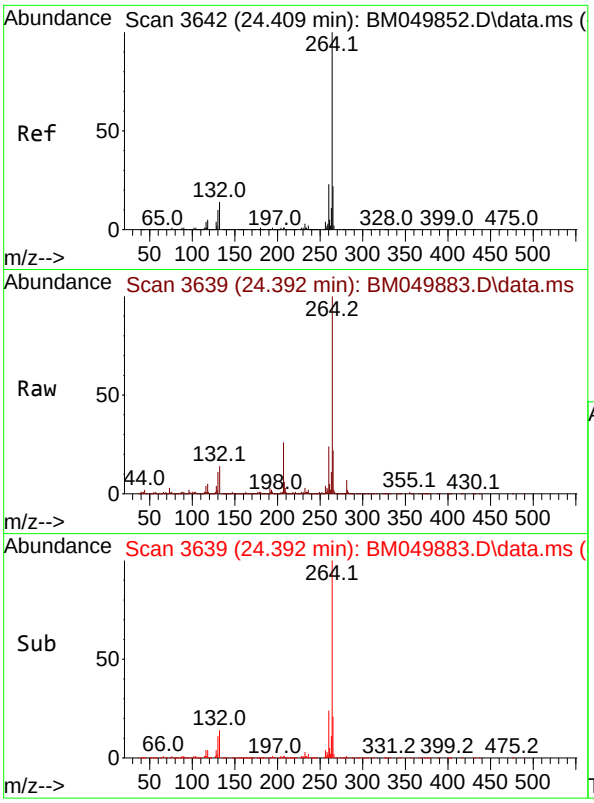


#83
Chrysene
Concen: 2.596 ng
RT: 21.439 min Scan# 3137
Delta R.T. -0.012 min
Lab File: BM049883.D
Acq: 10 Apr 2025 14:10

Tgt Ion:228 Resp: 207730

Ion	Ratio	Lower	Upper
228	100		
226	32.2	24.1	36.1
229	22.0	15.8	23.6



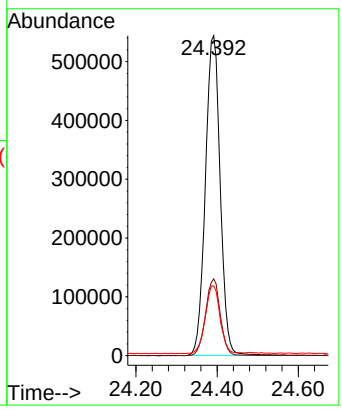


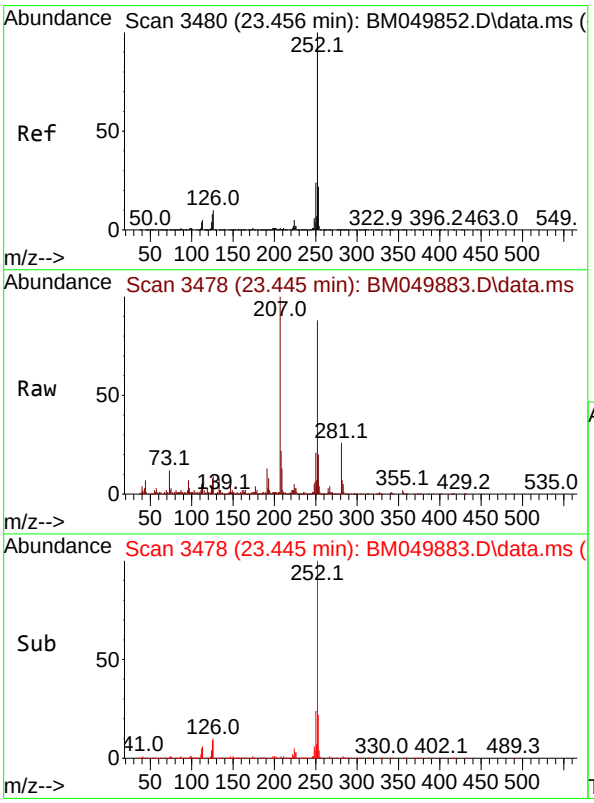
#86
Perylene-d12
Concen: 20.000 ng
RT: 24.392 min Scan# 3
Delta R.T. -0.017 min
Lab File: BM049883.D
Acq: 10 Apr 2025 14:10

Instrument :
BNA_M
ClientSampleId :
TP-3

Tgt Ion:264 Resp: 1376287

Ion	Ratio	Lower	Upper
264	100		
260	24.0	18.6	28.0
265	21.8	17.8	26.8

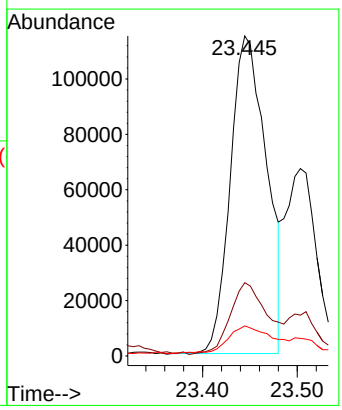


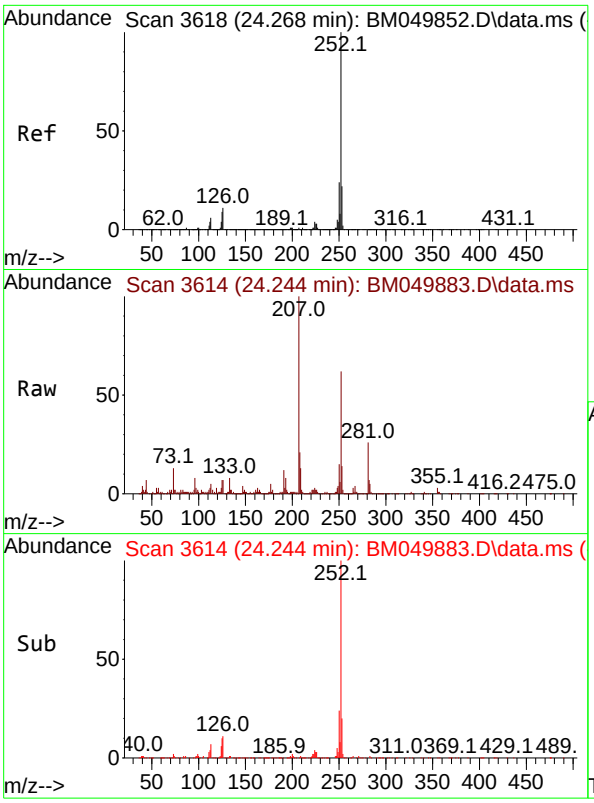


#88
Benzo(b)fluoranthene
Concen: 3.467 ng
RT: 23.445 min Scan# 3478
Delta R.T. -0.012 min
Lab File: BM049883.D
Acq: 10 Apr 2025 14:10

Tgt Ion:252 Resp: 304718

Ion	Ratio	Lower	Upper
252	100		
253	22.9	17.5	26.3
125	9.4	6.2	9.4#





#90
Benzo(a)pyrene
Concen: 2.555 ng
RT: 24.244 min Scan# 3
Delta R.T. -0.023 min
Lab File: BM049883.D
Acq: 10 Apr 2025 14:10

Instrument :
BNA_M
ClientSampleId :
TP-3

Tgt Ion:252 Resp: 197329

Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.8	26.8
125	10.7	7.0	10.4#